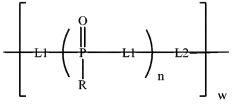
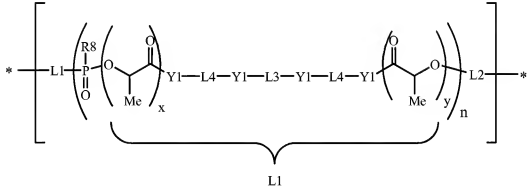
IN THE CLAIMS

Claims 1-34 (**canceled**)

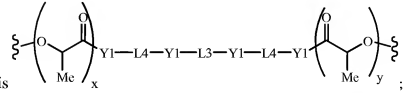
35. (**currently amended**) A polyphosphoester polymer having a block structure, comprising: a monomer unit comprising a polylactide structure; a -P(R8)(O)- group, where R8 is hydrogen, alkyl, cycloakyl, -O-alkyl, -O-cycloalkyl, aryl, -O-aryl, heterocycle, -O-heterocycle; ~~is equal to -H, -R1 or -O-R1; wherein R1 represents an alkyl, cycloalkyl, aryl, or heteroaryl group;~~ and a chemical moiety comprising a -C(O)- radical at each of its termini; and wherein said monomer unit is represented by formula ~~(I)~~ **(II)**;



~~(I)~~



(II)

wherein L1 is 

; ~~the polylactide structure;~~ L2 and L3 each represent a divalent aryl group, comprising a -

C(O)- radicals at each of its termini, of the formula:  ~~is the chemical moiety comprising a -C(O)- radicals at each of its termini~~; L4 is a divalent branched or straight chain aliphatic group; Y1 is O; x and y each independently represent integers in the range of about 1 to about 1000; and n ~~and w independently of each other represent~~ is an integer equal to at least one.

36. (**currently amended**) The polyphosphoester polymer of claim 35, wherein R8 is ~~-O-R1~~ -O-alkyl.

37. (**currently amended**) The polyphosphoester polymer of claim 36, wherein R8 is ~~an~~ -O-ethyl ~~group~~.

38. (**canceled**)

39. (**original**) The polyphosphoester polymer of claim 35, wherein said monomer comprises both aromatic and non-aromatic moieties.

40. (**currently amended**) The polyphosphoester polymer of claim 39, wherein the ratio of non-aromatic moieties to aromatic moieties is from about 2:1 to about ~~8:1~~ 10:1.

41. (**currently amended**) The polyphosphoester polymer of claim 40 wherein said ratio of non-aromatic to aromatic moieties in the polyester is about ~~4:1~~ 2:1.

42. (**currently amended**) The polyphosphoester polymer of claim 39, wherein the ratio of non-aromatic to aromatic moieties in said monomer unit is about ~~4:1;~~ 2:1 and R8 is $-OC_2H_5$~~; and said chemical moiety is -C(O)C$_6$H$_4$C(O)~~.

43. (**original**) The polyphosphoester polymer of claim 39, wherein the number of non aromatic carbons in said monomeric units is greater than the number of aromatic ring carbons in said monomeric units.

44. (**original**) The polyphosphoester polymer of claim 39, wherein said polyphosphoester polymer is biodegradable.

45. (**original**) The polyphosphoester polymer of claim 39, wherein said polyphosphoester polymer is biocompatible.

46. (**original**) A composition comprising said polyphosphoester polymer of claim 45 and one or more biologically active agents.

47. (**original**) The composition of claim 46, wherein said composition is formulated in a pharmaceutically accepted carrier.

48. (**canceled**)

49. (**canceled**)

50. (**new**) The composition of claim 39, wherein the ratio of non-aromatic to aromatic moieties in said monomer unit is about 2:1 and R8 is $-O(CH_2)_5CH_3$.